

## Electronic Acknowledgement Receipt

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| <b>Application Number:</b>                  | 10519699  |
| <b>International Application Number:</b>    |   |
| <b>Confirmation Number:</b>                 | 6928  |
| <b>Title of Invention:</b>                  | Ion implantation device and a method of semiconductor manufacturing by the implantation of boron hydride cluster ions |
| <b>First Named Inventor/Applicant Name:</b> | Thomas N. Horsky  |
| <b>Customer Number:</b>                     | 27160   |
| <b>Filer:</b>                               | John S. Paniaguas/Anna Franz  |
| <b>Filer Authorized By:</b>                 | John S. Paniaguas   |
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| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371  |

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| Submitted with Payment | no |
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### File Listing:

| Document Number | Document Description                                    | File Name | File Size(Bytes)/<br>Message Digest                                | Multi Part /.zip | Pages (if appl.) |
|-----------------|---|-----------|--|------------------|------------------|
| 1               | Information Disclosure Statement (IDS)<br>Filed (58/08) | IDS.PDF   | 142686<br><small>61c416208a295721a5421b2f9318170a<br/>96d7</small> | no               | 3                |

### Warnings:

### Information:

|   |   |              |  |    |   |
|---|---|--------------|--|----|---|
| 2 | Information Disclosure Statement Letter | Form1449.PDF | 69627                                  | no | 1 |
|   |   |              | 8bdc688617a1d95411277c186d178bf6b0902a |    |   |

**Warnings:****Information:**

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

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